SAMSUNG

Washing Machine
Owner's Instructions

J1453(V/S)
J1253(V/S)
J1053(V/S)
J853(V/S)

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CODE NO : DC68-01999V-ENG

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Safety Precautions

Congratulations on your purchase of this Samsung washing machine. These Owner's Instructions contain valuable information on the installation, use, and care of this appliance. Please take the time to read these instructions so that you can take full advantage of the washing machine's features and enjoy this appliance for many years to come.

Before using the appliance

- Packing materials can be dangerous to children; keep all packing material (plastic bags, polystyrene, etc.) well out of the reach of children.
- The appliance is designed for home use only.
- Make sure that water and electrical connections are made by qualified technicians, observing the manufacturer's instructions (see "Installing the Washing Machine" on page 3) and local safety regulations.
- All packaging and shipping bolts must be removed before the appliance is used. Serious damage may occur if they are not removed. See "Removing the shipping bolts" on page 4.
- Before washing clothes for the first time, you must run a complete cycle without clothes. See "Washing for the first time" on page 8.

Safety instructions

- Before cleaning or carrying out maintenance, unplug the appliance from the electrical outlet or set the ⊙ (On/Off) button to Off.
- Make sure that the pockets of all clothing to be washed are empty.
  Hard, sharp objects, such as coins, safety pins, nails, screws, or stones can cause extensive damage to the appliance.
- Always unplug the appliance and turn off the water after use.
- Before you open the door of the appliance, check that the water has drained. Do not open the door if you can still see water.
- Pets and small children may climb into the appliance. Check the appliance before each use.
- The glass door becomes very hot during the washing cycle. Keep children away from the appliance while it is in use.
- Do not attempt to repair the appliance yourself. Repairs made by inexperienced or unqualified persons may cause injury and/or make more serious repairs to the appliance necessary.
- If the plug (power supply cord) is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.
- This appliance should only be serviced by an authorized service center, and only genuine spare parts should be used.
- This appliance is not intended for use by young children or infirm persons unless theyhave been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.
- This appliance has to be connected to the plug endurable to proper power consumption.
- This appliance has to be positioned so that the plug is accessible after installation.
- Do not use processed water containing oil, cream or lotion, which is usually found in skin-care shops or massage clinics.
  -Otherwise this will cause the packing to be deformed, which causes a malfunction or water leak.
- A stainless washing tube does not usually rust. However if some metal such as a hair pin is left in the tube for an extended time, the tube could rust.
  -Do not leave water or bleach containing chlorine in the tube for an extended period of time.
  -Do not regularly use or leave water containing iron in the tube for an extended period of time.
  -If rust starts appearing on the surface of the tube, apply a cleansing agent (neutral) to the surface and use a sponge or soft cloth to clean it. (Under no circumstances use a metal brush)

This marking shown on the product or its literature, indicates that it should not be disposed with other hous ehold wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

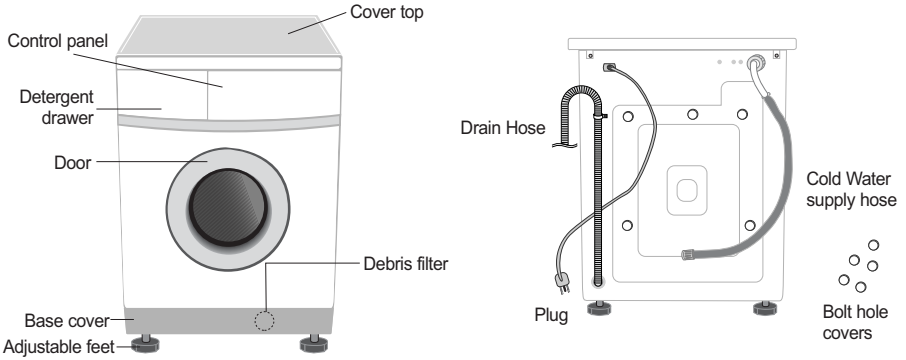
● SAVE THESE INSTRUCTION

Installing the Washing Machine

Unpacking the Washing Machine

Unpack your washing machine and inspect it for shipping damage. Also make sure that you have received all of the items shown below. If the washing machine was damaged during shipping or you do not have all of the items, contact your Samsung dealer immediately.

Overview of the washing machine



Selecting a location

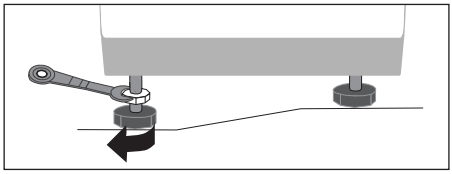
Before you install the washing machine, select a location with the following characteristics:

- A hard, level surface (if the surface is uneven, see "Adjusting the leveling feet," below)
- Away from direct sunlight.
- Adequate ventilation
- Room temperature that will not fall below 0˚C
- Away from sources of heat such as coal or gas Make sure that the washing machine does not stand on its power cord.Ventilation openings must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

Adjusting the leveling feet

If the floor is uneven, adjust the feet (do not insert pieces of wood or any other objects under the feet):

1. Loosen the leg bolt by turning it with your hand until it is at the desired height.
2. Tighten the locking nut by turning it with the wrench.
   - **Place the washer on a sturdy, flat surface.**
     If the washer is placed on an uneven or weak surface, noise or vibration occurs.
     (Only a 1 degrees angle is allowed.)

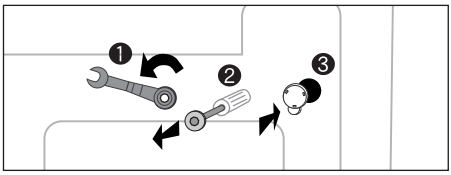


Installing the Washing Machine

Removing the shipping bolts

Before using the washing machine, you must remove all of the shipping bolts from the back of the unit.
To remove the bolts:

1. Loosen all bolts with the wrench before removing them.
2. Take each bolt head and pull it through the wide part of the hole. Repeat for each bolt.
3. Fill the holes with the supplied plastic covers.
4. Keep the shipping bolts for future use.

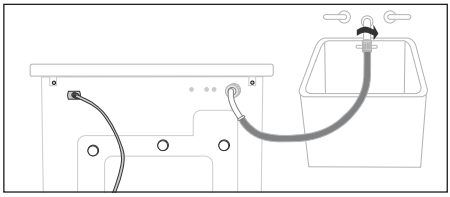


Connecting the water supply hose

The water supply hose must be connected to the washing machine at one end and to the water faucet at the other. Do not stretch the water supply hose. If the hose is too short and you do not wish to move the water faucet, replace the hose with a longer, high pressure hose.

To connect the water supply hose:

1. Take the L-shaped arm fitting for the cold water supply hose and connect to the cold water supply intake on the back of the machine. Tighten by hand.
2. Connect the other end of the cold water supply hose to your sink's cold water faucet and tighten it by hand.
   If necessary, you can reposition the water supply hose at the washing machine end by loosening the fitting, rotating the hose, and retightening the fitting.

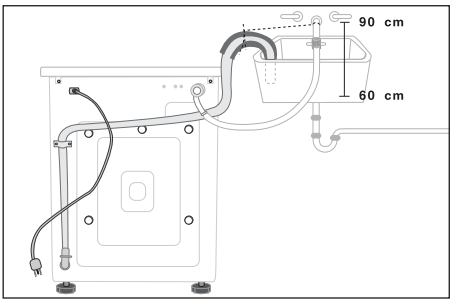


Positioning the drain hose

The end of the drain hose may be positioned in three ways:

Over the edge of a sink

The drain hose must be placed at a height of between 60 and 90 cm. To keep the drain hose spout bent, use the supplied plastic hose guide. Secure the guide to the wall with a hook or to the faucet with a piece of string to prevent the drain hose from moving.



In a sink drain pipe branch

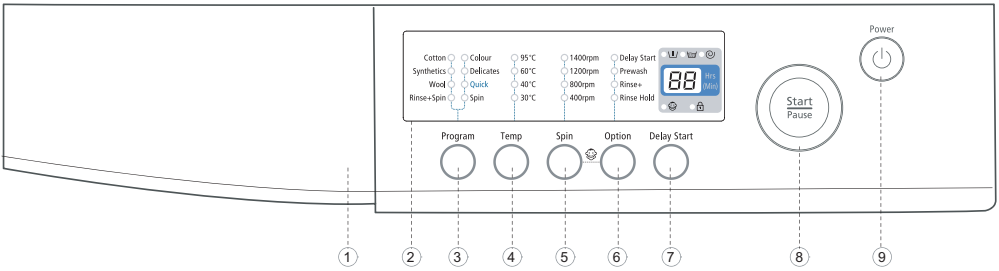
The drain pipe branch must be above the sink siphon so that the end of the hose is at least 60 cm above the ground.

In a drain pipe

Samsung recommends that you use a 65 cm high vertical pipe; it must be no shorter than 60 cm and no longer than 90 cm.

Washing a Load of Laundry

Overview of the control panel



1. **Detergent dispenser**
2. **Display panel**
   Displays wash cycle and error messages.
   During execution of the program, the program indicator blinks.
3. **Program Select button**
   Press the button repeatedly to select one of the six available wash program.
   Cotton → Colour → Synthetics → Delicates → Wool → Quick → Rinse+Spin → Spin
4. **Temperature selection button**
   Press the button repeatedly to cycle through the available water temperature options (cold , 30˚C, 40˚C , 60˚C and 95˚C).
   When pressing this button during washing, you can see the selected temperature in the display panel.
5. **Spin selection button**
   Press the button repeatedly to cycle through the available spin speed options.

J1453 (V/S)	no spin, 400, 800, 1200, 1400 rpm
J1253 (V/S)	no spin, 400, 800, 1000, 1200 rpm
J1053 (V/S)	no spin, 600, 800, 1000 rpm
J853 (V/S)	no spin, 600, 800 rpm

   When pressing this button during operation, you can see the selected spin speed in the display panel.
   When all buttons are turned off NO SPIN.
6. **Option button**
   Press the button repeatedly to cycle through the available partial wash options
   Prewash → Rinse+ → Rinse Hold → Prewash +Rinse+ → Prewash +Rinse Hold →
   Rinse+ +Rinse Hold → Prewash +Rinse+ +Rinse Hold → Cancle
   Note : Prewash is only available when washing cotton, synthetic or delicate.
7. **Delay Start selection button**
   Press this button repeatedly to rotate between the retarded start options available.
   (from 1 hour to 24hour, in 1 hour increments)
8. **Start/Pause button**
   Press to pause and restart programs.
9. **⏻(On/Off) button**
   Press once to turn the washing machine on, press again to turn the washing machine off.
   If the washing machine power is left on for longer than 10 minutes without any buttons being touched, the power automatically turns off.

● **What is the “Child Lock” function?**

- If you press the “Child Lock” button(Spin+Option button) longer than 2 sec during operation, this function is selected.
- If once this function is selected, no change can be done until the end of laundry.
- Press the “Child Lock” button(Spin+Option button) longer than 2 sec to cancel the function.

Washing a Load of Laundry

WM stops the current step of the cycle or does not proceed to the next step of washing (indication of remain time on LED display may increase).

Your new washing machine is equipped with Fuzzy Logic system, which not only sets the optimum level of water and other parameters of washing, but also controls the washing process as well as makes necessary corrections in order to provide better washing results. In the above- mentioned matter, the Fuzzy Logic system has detected deviations in washing cycle such as: high quantity of detergent at the end of the cycle, high vibration level while spinning, etc.You can adjust existing wash programs, i.e. change wash temperature and spin speed. After detection of such abnormalities, the washing machine is suspending the normal course of program in order to normalize these parameters and continue the cycle. Fuzzy logic system makes 7 attempts to eliminate such deviations. If it is impossible to normalize the above mentioned deviations by Fuzzy Logic system, you will see the corresponding indication on LED lamps. (see chapter “Troubleshooting”) The operation of Washing machine that corresponds to above- mentioned scheme is considered to be normal.

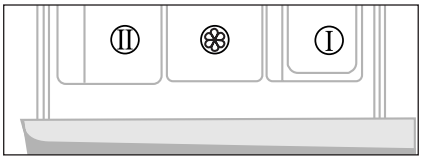
Washing for the first time

Before washing clothes for the first time, you must run a complete cycle without clothes. To do this:

1. Press the ⊙(On/Off) button.
2. Pour a little detergent in the detergent drawer Ⅱ.
3. Turn on the water supply to the washing machine.
4. Press the Temperature button repeatedly until 40˚C is displayed.
5. Press the Start/Pause button.

- This will remove any water from the manufacturer’s test run remaining in the machine.

Putting detergent in the washing machine:



1. Pull out the detergent drawer.
2. Add laundry detergent into compartment Ⅱ.
3. Add softener into compartment ❀(if you desire).
4. Add prewash detergent into compartment Ⅰ (if you desire).

✻ Option

Using Hot Water

- The hot water valve is operated when you select a water temperature option above 60˚C (60˚C or 95˚C).

Washing clothes manually

You can wash clothes manually without using the Fuzzy Logic feature. To do so:

1. Turn on the water at the water source sink.
2. Press the ⊙(On/Off) button on the washing machine.
3. Open the door.
4. Load the articles one at a time loosely into the drum, without overfilling.
5. Close the door.
6. Put the detergent in the detergent drawer Ⅱ.
7. Repeatedly press the Program button to select the cycle you prefer: Cotton, Colour, Synthetics, Delicates, and Quick...
8. Press the Spin button to select the spin speed (no spin, 600, 800, …, no spin, …)
9. Repeatedly press the Option button to select the cycle you prefer (Prewash, Rinse+, Rinse hold, ...)
10. Press the Temperature button to select the temperature (cold water , 40˚C, 60˚C, 95˚C).
11. Press the Start/Pause button and the machine will begin the cycle.

When the cycle is finished:

1. Open the door.
   Note: The door will not open until 3 minutes after the machine stops or the power turns off.
2. Remove laundry.

Washing a Load of Laundry

Selecting options

Prewash
Prewash is only available when washing cotton, colour, synthetics, delicate clothes. To use prewash:
1. Load the prewash detergent into compartment ① of the detergent drawer.
2. Select "Cotton" with the Program select button.
3. Press the Option button until the "Prewash" indicator lights up on the control panel.
4. Press Start/Pause to begin the cycle.

Rinse+
Your machine will run through an additional rinsing cycle.
The washing duration will be prolonged accordingly.

Rinse Hold
The laundry remains soaking in the final rinse water.
Before the laundry can be unloaded, the "Spin" program must be run.

Washing tips and hints

Sorting your laundry: Sort your laundry according to the following characteristics:
- **Type of fabric care label symbol:** Sort laundry into cottons, mixed fibers, synthetics, silks, wools and rayon.
- **Colour:** Divide whites and colours. Wash new, coloured items separately.
- **Size:** Placing items of different sizes in the same load will improve the washing action.
- **Sensitivity:** Wash delicate items separately, using the Delicate wash program for pure new wool, curtains and silk articles. Check the labels on the items you are washing or refer to the fabric care chart in the appendix.

Emptying pockets: Coins, safety pins and similar items can damage linen, the washing machine drum, and the water tank.

Securing fasteners: Close zippers and fasten buttons or hooks; loose belts or ribbons should be tied together.

Determining load capacity: Do not overload the washing machine or your laundry may not wash properly. Use the chart below to determine the load capacity for the type of laundry you are washing.

Fabfic Type	Load Capacity
	J1453 (V/S) / J1253 (V/S) / J1053 (V/S) / J853 (V/S)
Colour/cotton -average/lightly soiled	7.5 kg
-heavily soiled	7.5 kg
Synthetic	4.0 kg
Delicate	2.5 kg
Wool	2.0 kg
Quick	4.0 kg

Detergent tips: The type of detergent you should use is based on the type of fabric (Cotton, Synthetic, Delicate items) colour, wash temperature, degree and type of soiling. Always use "low suds" laundry soap, which is designed for automatic washing machines.

When determining the detergent quantity, it's necessary to consider recommendations of the detergent manufacturer, indicated on the package, as well as weight, type of laundry, it's fouling factor and water hardness in your region.

Note:
Keep detergents and additives in a safe, dry place out of the reach of children.

Maintaining the Washing Machine

Repairing a frozen washing machine

If the temperature drops below freezing and your washing machine is frozen:

1. Unplug the washing machine.
2. Pour warm water on the source faucet to loosen the water supply hose.
3. Remove the water supply hose and soak it in warm water.
4. Pour warm water into the washing machine drum and let it sit for 10 minutes.
5. Reconnect the water supply hose to the water faucet and check if the water supply and drain operations are normal.

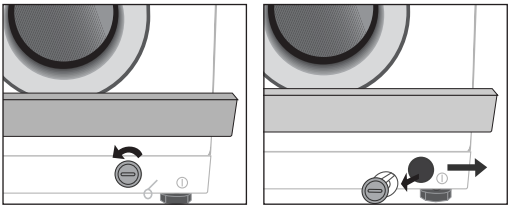
Cleaning the exterior

1. Wipe the washing machine surfaces, including the control panel, with a soft cloth and non-abrasive household detergents.
2. Use a soft cloth to dry the surfaces.
3. Do not pour water on the washing machine.

Cleaning the debris filter

Clean the debris filter 2 or 3 times a year.

1. Remove the base cover from the front of the washing machine.
2. Unscrew the filter cap and take it out.
3. Wash any dirt or other material from the filter. Make sure the drain pump propeller behind the filter is not blocked. Replace the filter cap.
4. Replace the base cover.

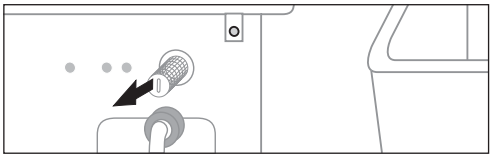


Cleaning the water hose mesh filter

You should clean the water hose mesh filter at least one time per year, or when the lamps on your machine flickers:

To do this:

1. Turn off the water source to the washing machine.
2. Unscrew the hose from the back of the washing machine.
3. With a pair of pliers, gently pull out the mesh filter from the end of the hose and rinse it under water until clean. Also clean the inside and outside of the threaded connector.
4. Push the filter back into place.
5. Screw the hose back onto the washing machine.
6. Turn on the faucet and make sure the connections are watertight.



Troubleshooting

Problems and solutions

The washing machine will not start

- Make sure the door is firmly closed.
- Make sure the washing machine is plugged in.
- Make sure the water source faucet is turned on.
- Make sure to press the Start/Pause button.

No water or insufficient water supply

- Make sure the water source faucet is turned on.
- Make sure the water source hose is not frozen.
- Make sure the water intake hose is not bent.
- Make sure the filter on the water intake hose is not clogged.

Detergent remains in the detergent drawer after the wash program is complete

- Make sure the washing machine is running with sufficient water pressure.
- Put the detergents in the inner parts of the detergent drawer(away from the outside edges).

Washing machine vibrates or is too noisy

- Make sure the washing machine is set on a level surface. If the surface is not level, adjust the washing machine feet to level the appliance (see page 3).
- Make sure that the shipping bolts are removed (see page 4).
- Make sure the washing machine is not touching any other object.
- Make sure the laundry load is balanced.

The washing machine does not drain and/or spin

- Make sure the drain hose is not squashed or bent.
- Make sure the water hose mesh filter is not clogged (see page 8).

Understanding error messages

Error displayed	Solution
	• Close the door.
	• Make sure the source water faucet is turned on. • Check the water pressure.
	• Clean the debris filter. • Make sure the drainage hose is installed correctly.
	• Laundry load is unbalanced; loosen any tangled laundry. • If only one item of clothing needs washing, such as a bathrobe or jeans, the final spin result might be unsatisfactory and an "UE" error message will be shown in the display window.
	• Check the end of the drain hose is too low. (Make sure the holder of drain hose in the back is intact) • Check the end of the drain hose is submerged in water.

Before contacting After-Sales service:

1. Try to remedy the problem (See "Troubleshooting" on this page).
2. Restart the programme to see if the fault is repeated.
3. If the malfunction persists, call after-sales service and describe the problem.

Programme Chart

(✻ user option)

PROGRAM	Max load (kg)	Detergent And Additives			Temperature (MAX) ˚C	Spin Speed (MAX)rpm				Pre wash	Water (*l*)	Electri-city (kwh)
	J1453 (V/S) J1253 (V/S) J1053 (V/S) J853 (V/S)	Pre wash	wash	Sof tener		J1453 (V/S)	J1253 (V/S)	J1053 (V/S)	J853 (V/S)			
Cotton	7.5	✻	yes	✻	95	1400	1200	1000	800	✻	60	1.33
Colour	7.5	✻	yes	✻	60	1400	1200	1000	800	✻	60	0.55
Synthetic	4.0	✻	yes	✻	60	800	800	600	600	✻	55	0.50
Delicate	2.5	✻	yes	✻	40	800	800	600	600	✻	55	0.50
Wool	2.0	-	yes	✻	40	400	400	400	400	-	50	0.45
Quick	4.0	-	yes	✻	60	1400	1200	1000	800	-	35	0.33

PROGRAM	**Type of WASH**
Cotton	Averagely or lightly soiled cottons, bed linen, table linen, underwear, towels, shirts,etc.
Colour	Average or lightly soiled cottons, bed linen, table linen, underwear, towels, shirts, etc.
Synthetic	Lighly or averagely soiled blouses, shirts, etc. Made of polyester(Diolen, Trevira), polyamide(perlon, Nylon) or similar blends.
Delicate	Delicate curtains, dresses, skirts, shirts and blouses.
Wool	Only machine washable wollens with pure new wool label.
Quick	Lightly soiled cottons or linen blouses, shirts, dark coloured terry cloth, coloured linen articles, jeans, etc.

1. The programme duration data has been measured under the conditions specified in Standard IEC 456.
2. Consumption in individual homes may differ from the values given in the table due to variations in the pressure and temperature of the water supply, the load and the type of laundry.

Appendix

Fabric care chart

Resistant material

Delicate fabric

Item may be washed at 95˚C

Item may be washed at 60˚C

Item may be washed at 40°C.

Item may be washed at 30°C.

Item may be hand washed

Dry clean only

Can be bleached in cold water

Do not bleach

Can be ironed at 200˚C max

Can be ironed at 150˚C max

Can be ironed at 100˚C max

Do not iron

Can be dry cleaned using any solvent

Dry clean with perchloride, lighter fuel, pure alcohol or R113 only

Dry clean with aviation fuel, pure alcohol or R113 only

Do not dry clean

Dry flat

Can be hung to dry

Dry on clothes hanger

Tumble dry, normal heat

Tumble dry, reduced heat

Do not tumble dry

Electrical warnings

To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind:

- Operate the appliance only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your appliance dealer or local power company.
- Use only a grounded or polarized outlet. This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still doesn't fit, contact your electrician to replace your outlet.
- Protect the power cord. Power supply cords should be routed so that they are unlikely to be walked on or pinched by items placed on or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.
- Do not overload the wall outlet or extension cords. Overloading can result in fire or electric shock.

Protecting the environment

- This appliance is manufactured from recyclable materials. If you decide to dispose of this appliance, please observe local waste disposal regulations. Cut off the power cord so that the appliance cannot be connected to a power source. Remove the door so that animals and small children cannot get trapped inside the appliance.
- Do not exceed the detergent quantities recommended in the detergent manu-facturers' instructions.
- Use stain removal products and bleaches before the wash cycle only when strictly necessary.
- Save water and electricity by only washing full loads (the exact amount depends upon the program used).

Declaration of conformity

This appliance complies with European safety standards, EC directive 93/68 and EN Standard 60335.

Specification

TYPE		FRONT LOADING WASHER			
DIMENSION		J1453 (V/S) / J1253 (V/S) / J1053 (V/S) / J853 (V/S)			
		W598MM x D600MM x H844MM			
WATER PRESSURE		50 kPa ~ 800kPa			
WEIGHT		J1453 (V/S) / J1253 (V/S) / J1053 (V/S) / J853 (V/S)			
		75 KG			
WASH AND SPIN CAPACITY (DRY LAUNDRY)		J1453 (V/S) / J1253 (V/S) / J1053 (V/S) / J853 (V/S)			
		7.5 KG			
POWER CONSUM-PTION	WASHING AND HEATING	J1453 (V/S) / J1253 (V/S) / J1053 (V/S) / J853 (V/S)			
		220V / 2000W			
		240V / 2400W			
	SPIN (230V)	J1453 (V/S)	J1253 (V/S)	J1053 (V/S)	J853 (V/S)
		700W	360W	320W	270W
PUMPING		34W			
WATER VOLUME (STANDARD COURSE)		J1453 (V/S) / J1253 (V/S) / J1053 (V/S) / J853 (V/S)			
		60ℓ			
SPIN REVOLUTION	RPM	J1453 (V/S)	J1253 (V/S)	J1053 (V/S)	J853 (V/S)
		1400	1200	1000	800

IN CASE THE NEED FOR SERVICING ARISES

- Don't hesitate to call any AS center nearby with your name, address, telephone number, model number and serial number of your machine when anything wrong with your product occurs.

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